

Abstract

The invention relates to an insert to be inserted into a casting mold which is used for the casting of metals and has a casting cavity, having a body (3) which extends along a body longitudinal axis (7) and has a body cavity (6), the body (3) being constructed from at least one first shaped body (4), which has a connecting opening (10) by means of which the body cavity (6) can be connected to the casting cavity, and a second shaped body (5) which is placed onto the first shaped body (4), characterized in that the first shaped body (4) is embodied as an energy-absorbing device.

(Figure 1)

1. Pattern plate
2. Spring mandrel
3. Feeder insert
4. First shaped body
5. Second shaped body
6. Feeder cavity
7. Feeder longitudinal axis
8. Deforming element
9. Section
10. Connecting opening
110. Second opening
11. Longitudinal extent
12. Height
13. Support
14. Segment
15. Bend
16. Angle
17. Extent
18. Skirt
19. Skirt
20. Skirt
21. Envelope